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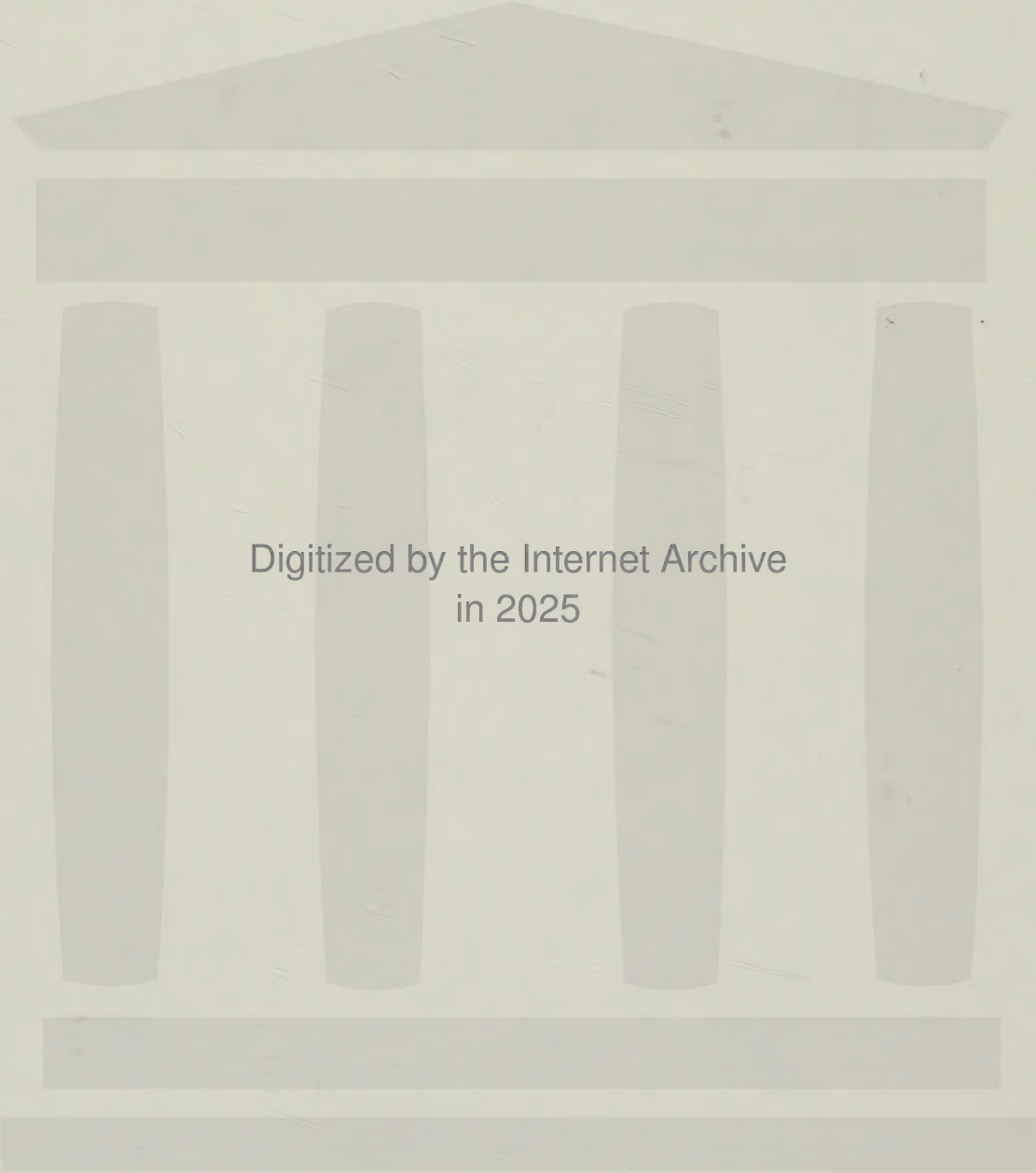
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Southwest Fisheries Center
National Marine Fisheries Service, NOAA
La Jolla, California 92038

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Oceanic Fisheries Resources Division
Southwest Fisheries Center
Compiled May 1982

INTRODUCTION

The present programs of research on marine mammals at the La Jolla Laboratory of the Southwest Fisheries Center began in 1963 with the inception of work on the biology of dolphins involved in the purse-seine fishery for yellowfin tuna in the eastern tropical Pacific. This program expanded in 1969 to include technological research to develop improved fishing gear and methods aimed at reducing the incidental mortality of dolphins in the fishery. The program again expanded in 1972 to include more extensive work on population dynamics and stock assessment, including population census through aerial and ship surveys. In 1978, a program of research to assess the status of stocks of marine mammals (cetaceans and pinnipeds) off the coast of California was begun. This bibliography includes all of the written products of these programs, including unpublished internal research reports and cruise reports.

Any inquiries concerning availability of copies of items listed here should be directed to the authors of the reports.

BIBLIOGRAPHY

- AINLEY, D. G. and D. P. DEMASTER.
1980 Survival and mortality in a population of Adelie penguins. Ecology, 61(3):522-530.
- ALLEN, K. R. and T. D. Smith.
1978 A note on the relation between pregnancy rate, age at maturity and adult and juvenile mortality rates. Rep. Int. Whal. Comm., 28:477-478.
- AU, D. W. K. and W. L. PERRYMAN.
1977 Oceanography of pelagic dolphins. (Abstract). Second Biennial Conference on the Biology of Marine Mammals, Dec. 12-15, 1977, San Diego, 88 p.
- AU, D. W. K. and W. L. PERRYMAN.
1982 Movement and speed of dolphin schools responding to an approaching ship. Fish. Bull. (U.S.) (In press).
- AU, D. W. K., W. L. PERRYMAN and W. F. PERRIN.
1979 Dolphin distribution and the relationship to environmental features in the eastern tropical Pacific. Southwest Fisheries Center Admin. Rep. No. LJ-79-43, 59 p.
- AU, D. W. K., W. L. PERRYMAN, R. L. PITMAN, and M. SINCLAIR.
1980 Cetacean populations and equatorial oceanography. Trop. Ocean-Atmos. Newsletter No. 4:6, 10.
- AU, D. W. K. and R. L. PITMAN.
1981 The equatorial cetacean community of the eastern Pacific. (Abstract). Proceedings of Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- AU, D. W. K. and R. L. PITMAN.
1981 Pygmy, beaked and other rare whales of the eastern tropical Pacific. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- AU, D. W. K. and D. WEIHS.
1980 At high speeds dolphins save energy by leaping. Nature, 284(5756):548-550.
- AWBREY, F. T., T. DUFFY, W. E. EVANS, C. S. JOHNSON, W. PARKS AND J. DE BEER.
1979 The tuna-porpoise program: summary of research results from the first leg of the third cruise of the dedicated vessel, June 22 - July 15, 1978. Southwest Fisheries Center, Admin. Rep. No. LJ-79-11, 29 p.
- BADA, J. L. and S. E. BROWN.
1981 The amino acid aging method: dolphin studies 1979-1980 report. Southwest Fisheries Center, Admin. Rep. No. LJ-81-06C. Contract No. 79-JG-035, 6 p.

- BARHAM, E. G.
1974 The porpoise-tuna problem: review of research progress. Southwest Fisheries Center, Admin. Rep. No. LJ-74-4, 164 p.
- BARHAM, E. G.
1978 Aerial survey trip report. January-June 1977. Southwest Fisheries Center, Admin. Rep. No. LJ-78-1, 73 p.
- BARHAM, E. G. and J. E. POWERS.
1977 Aerial survey of porpoise populations in the eastern tropical Pacific: Equipment, Method, Procedures. (Abstract). Second Biennial Conference on the Biology of Marine Mammals. December 12-15, 1977. San Diego, Ca., 88 p.
- BARHAM, E. G., W. K. TAGUCHI and S. B. REILLY.
1977 Porpoise rescue methods in the yellowfin purse seine fishery and the importance of medina panel mesh size. Mar. Fish. Rev., 39(5):1-10.
- BARLOW, J.
1981 Reproductive seasonality in pelagic dolphins: implications in measuring rates. In: Symposium Abstracts, Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management, Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.
- BENIRSCHKE, K., M. L. JOHNSON and R. J. BENIRSCHKE.
1979 A study of nonpregnant dolphins (*Stenella longirostris* and *S. attenuata*) possessing corpora lutea. Southwest Fisheries Center, Admin. Rep. No. LJ-79-27, 33 p; 24 plates.
- BUTLER, R. W. and J. G. JENNINGS.
1980 Radio tracking of dolphins in the eastern tropical Pacific using VHF and HF equipment. pp. 757-759. In: C.J. Amlaner and D.W. MacDonald L.C. (eds.). A Handbook on Biotelemetry and Radio Tracking. Pergamon Press, Oxford, England, 804 p.
- COE, J. M.
1976 The effectiveness of the porpoise apron in improving the backdown procedure. Southwest Fisheries Center, Admin. Rep. No. LJ-76-38, 17 p.
- COE, J. M. and R. W. BUTLER.
1980 Results of the chartered cruise of the M/V Maria C.J., September 17 to November 22, 1979. NOAA-TM-NMFS-SWFC-6, 26 p.
- COE, J. M., J. G. JENNINGS, C. B. PETERS, and J. DEBEER.
1979 Research related to the tuna porpoise problem: summary of research results from the second cruise of the dedicated vessel, Apr. 17 - June 5, 1978. Southwest Fisheries Center, Admin. Rep. LJ-79-6, 59 p.
- COE, J. M. and G. SOUSA.
1977 Removing porpoise from a tuna purse seine. Mar. Fish. Rev., 34(11-12):15-19.

- COE, J. M. and W. E. STUNTZ.
1980 Passive behavior by the spotted dolphin, Stenella attenuata, in tuna purse seine nets. Fish. Bull. (U.S.) 78(2):535-537.
- COE, J. M. and P. J. VERGNE.
1977 Modified tuna purse seine net achieves record low porpoise kill rate. Mar. Fish. Rev., 39(6):1-4.
- COE, J. M. and P. J. VERGNE.
1977 Cruise Report: M/V Elizabeth C.J. Oct. 7 - Dec. 9, 1976, 9 p.
- COWAN, D. F. and W. A. WALKER.
1979 Disease factors in Stenella attenuata and Stenella longirostris taken in the eastern tropical Pacific yellowfin tuna purse seine fishery. Southwest Fisheries Center, Admin. Rep. No. LJ-79-32C. Contract No. 03-78-M02-0146, 21 p.
- DAHLHEIM, M. E., S. LEATHERWOOD and W. F. PERRIN.
1982 Distribution of killer whales in the warm temperate and tropical eastern Pacific. Rep. Int. Whal. Comm. 32. (In press).
- DAILEY, M. D. and W. F. PERRIN.
1973 Helminth parasites of porpoises of the genus Stenella in the eastern tropical Pacific, with description of two new species: Mastigonema stenellae gen. et sp. n. (Nematoda: Spiruroidea) and Zalophotrema pacificum sp. n. (Trematoda: Digenea). Fish. Bull., (U.S.) 71(2): 455-471.
- DE BEER, J., F. AWBREY, D. HOLTS and P. PATTERSON.
1978 Research related to the tuna porpoise problem: summary of research results from the first cruise of the dedicated vessel, Jan. 26 - Mar. 16, 1978. Southwest Fisheries Center, Admin. Rep. No. LJ-78-14, 27 p.
- DEMASTER, D. P.
1978 Estimation and analysis of factors that control a population of weddell seals in McMurdo Sound, Antarctica. Ph.D. Thesis, University of Minnesota, 81 p.
- DEMASTER, D. P.
1978 Calculation of the average age of sexual maturity. J. Fish. Res. Board Can., 35(6):912-915.
- DEMASTER, D. P.
1979 Calculation of the average age of first reproduction in marine mammals. (Abstract). Third Biennial Conference on the Biology of Marine Mammals, Oct. 7-11, 1979, Seattle.
- DEMASTER, D. P.
1981 Estimating the average age of first birth in marine mammals. Canadian J. Fish. Aquat. Sci., 38(2):237-239.

- DEMASTER, D. P.
 1981 Research Projects of the Coastal Marine Mammal Program of the Southwest Fisheries Center in 1979-80. In: C. de Alba, (ed.) Proceedings from the 6th Reunion of Marine Mammal Society of Baja California.
- DEMASTER, D. P.
 1981 Review of techniques used to estimate maturity in mammals. In: Symposium Abstracts, Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management, Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.
- DEMASTER, D. P.
 1981 A simple and realistic population model for marine mammals. Abstract. Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- DEMASTER, D. P.
 An analysis of a hypothetical population of walrus. U.S./U.S.S.R. Pinniped Compendium. (In press).
- DEMASTER, D. P., J. B. FARO, J. A. ESTES, J. TAGGERT, and C. ZABEL.
 1981 Drug immobilization of walrus (Odobenus rosmarus). Canadian J. Fish. Aquat. Sci., 38(3):365-367.
- DEMASTER, D. P., J. R. HENDERSON and J. M. COE.
 1981 Conflicts between marine mammals and fisheries off the coast of California. Working paper presented at IUCN Marine Mammal/Fisheries Interaction Symposium. La Jolla, CA, April 1981. (In press).
- DEMASTER, D. P. and M. C. S. KINGSLEY.
 1979 A multiple mark and recapture estimate applied to polar bears. Can. J. Zool., 58(4):633-638.
- DEMASTER, D. P. and I. STIRLING.
 1980 Mammalian species: Ursus maritimus. Mammalian Species 143:1-8.
- DEMASTER, D. P. and I. STIRLING.
 The estimation of annual survivorship and mean litter size of polar bear cubs. In: C. Meslo, (i.c.d.) Bears - Their Biology and Management. (In press).
- DEPARTMENT OF COMMERCE.
 1974 Report to the Congress on the research and development to reduce the incidental take of marine mammals, October 21, 1972 through October 20, 1974, 57 p.
- DEPARTMENT OF COMMERCE.
 1974 Report of the Secretary of Commerce on administration of the Marine Mammal Protection Act of 1972. June 22, 1973 to April 30, 1974. Prepared by NMFS/NOAA. Reprinted from Federal Register 39 (122).

DEPARTMENT OF COMMERCE.

- 1975 Report of the Secretary of Commerce on administration of the Marine Mammal Protection Act of 1972. May 1, 1974 through March 31, 1975. Prepared by NMFS/NOAA. Reprinted from Federal Register 40 (41).

DEPARTMENT OF COMMERCE.

- 1976 Report of the Secretary of Commerce on administration of the Marine Mammal Protection Act of 1972. April 1, 1975 through May 31, 1976. Prepared by NMFS/NOAA. Reprinted from Federal Register 41 (142).

DEPARTMENT OF COMMERCE.

- 1977 Report of the Secretary of Commerce on administration of the Marine Mammal Protection Act of 1972. April 1, 1976 through March 31, 1977. Prepared by NMFS/NOAA. Reprinted from Federal Register 42 (147).

DEPARTMENT OF COMMERCE.

- 1978 Report of the Secretary of Commerce on administration of the Marine Mammal Protection Act of 1972. Annual Report, April 1, 1977 to March 31, 1978. Prepared by NMFS/NOAA, 183 p.

DOMNING, D. P. and A. C. MYRICK, Jr.

- 1980 The tetracycline marking and the possible layering rate of bone in an amazonian manatee (*Trichechus inunguis*). In.: W. F. Perrin and A. C. Myrick, Jr., (Eds.). Age determination of toothed whales and sirenians. Rep. Int. Whal. Comn. (Special Issue 3). Cambridge, 229 p.

DUSTAN, P., R. SMITH, K. BAKER and D. W. K. AU.

- 1980 Mesoscale patterns of oceanic chlorophyll and the distribution of marine mammals. (Abstract). Winter Meeting American Society of Limnologists and Oceanographers, December 27-30, 1980. Seattle.

EVERETT, J. T., J. M. COE and J. E. POWERS.

- 1976 Porpoise/tuna interaction-technology-based problems and solutions. Southwest Fisheries Center, Admin. Rep. No. LJ-76-33, 16 p.

EVERETT, J. T. and N. C. H. LO.

- 1976 The incidental kill of porpoise during the first half of 1976, the date of reaching the quota and the methodologies utilized in each estimation. Southwest Fisheries Center, Admin. Rep. No. LJ-76-37, 29 p.

EVERETT, J. T., J. E. POWERS, R. L. MCNEELY, J. J. COE, and R. W. BUTLER.

- 1976 The use of speedboats in reducing incidental porpoise mortality in tuna purse seining. Southwest Fisheries Center, Admin. Rep. No. LJ-76-35, 29 p.

FOX, Jr., W. W.

- 1978 The tuna-dolphin problem: five years of progress and future outlook. Oceans 11(3):57-59. Also in NMFS Tuna Newsletter, No. 58, May-June 1978, 6 p.

- FOX, Jr., W. W., J. T. EVERETT, W. F. PERRIN, J. M. COE, and D. M. KING.
1977 Prepared testimony submitted by SWFC staff at hearing to consider amendment of regulations governing taking of marine mammals in the course of commercial fishing operations, August 22-29, 1977, in San Diego. Southwest Fisheries Center, Admin. Rep. No. LJ-77-27, 199 p.
- FOX, Jr., W. W., J. E. POWERS and W. H. LENARZ.
1976 Incidental porpoise mortality by U.S. purse seine vessels, January 1 through April 14, 1976. Southwest Fisheries Center, Admin. Rep. No. LJ-76-7, 23 p.
- GANDY, W. F., T. M. VANSELOUS and J. G. JENNINGS.
1977 Tracking marine mammals by satellite. Proceedings of the Second ARGOS Users Meeting, November 2-3, 1977. Toulouse, France, 9 p.
- GERRODETTE, T. and D. P. DEMASTER.
1981 Minimum number of censuses to detect trends in populations of marine mammals. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- GREEN, R. E., W. F. PERRIN and B. P. PETRICH.
1971 The American tuna purse seine fishery. pp. 182-194. In.: Hilmar Kristjonsson (ed.), Modern Fishing Gear of the World, Vol. 3. Fishing News (Books) Ltd. London, 537 p.
- GREENBLATT, P. R.
1976 Factors affecting tuna purse seine fishing effort. Southwest Fisheries Center, Admin. Rep. No. LJ-76-26, 30 p.
- GINN, S. and W. F. PERRIN.
1975 Distribution of melanin in the color pattern of Delphinus delphis (Cetacea; Delphindae). Fish. Bull., (U.S.) 73(2):439-444.
- HANSEN, L. J., W. F. PERRIN and J. G. MEAD.
1979 A list of U.S. institutions possessing collections of marine mammal osteological specimens. Prepared for Marine Mammal Project, U.S.-U.S.S.R. Environmental Agreement. Southwest Fisheries Center, Admin. Rep. No. LJ-79-10, 15 p.
- HENDERSON, J. R.
1981 Cetacean strandings in San Diego County, 1970-1980. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- HENDERSON, J. R., W. F. PERRIN and R. B. MILLER.
1980 Rate of gross annual production in dolphin populations (Stenella spp. and Delphinus delphis) in the eastern tropical Pacific, 1973-1978. Southwest Fisheries Center, Admin. Rep. No. LJ-80-02, 51 p.
- HESTER, F. J., J. R. HUNTER and R. R. WHITNEY.
1963 Jumping and spinning behavior in the spinner porpoise. J. Mamm. 44(4):586-588.

- HOHN, A.
1978 Comparisons of Tursiops tooth canal using microradiography SEM, and light microscopy. (Abstract). Proceedings of the International Conference on Determining Age of Odontocete Cetaceans, Sept. 5-7, 1978, La Jolla, 33 p.
- HOHN, A.
1980a A Method for age determination of dolphins. Univ. Md. Elec. Micro. Cent. Fac. News, 8:4-6.
- HOHN, A.
1980b (1981). Age determination and age related factors in the teeth of western North Atlantic bottlenose dolphins. Sci. Rep. Whales Res. Inst., 32:39-66.
- HOHN, A.
1980c (1981). Analysis of growth layers in the teeth of Tursiops truncatus using light microscopy, microradiography, and SEM. pp. 155-160. In.: W. F. Perrin and A. C. Myrick (i.e.d.) Age determination of toothed whales and sirenians. Rep. Int. Whal. Comn. (Special Issue 3). Cambridge, 229 p.
- HOHN, A. and J. FRAZIER.
1979 Growth layers in bones and scutes of sea turtles: a possible aging method. Amer. Zool., 19(3):953.
- HOLT, R. S.
1981 Use of line transect methods to estimate dolphin population abundance in large survey areas. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- HOLT, R. S. and J. E. POWERS.
1979 Abundance estimation of dolphin stocks involved in the eastern tropical Pacific yellowfin tuna fishery determined from aerial and ship surveys. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- HOLTS, D. B.
1974 Cruise Report: M/V John F. Kennedy, Nov. 10 - Dec. 15, 1973. 19 p.
- HOLTS, D. B.
1976 Cruise Report: R/V David Starr Jordan, Oct. 5 - Nov. 18, 1975, 7 p.
- HOLTS, D. B.
1977 The super apron system, construction and installation. Southwest Fisheries Center Admin. Rep. No. LJ-77-30, 12 p.
- HOLTS, D. B.
1980 The mid-net zipper ridge a possible cause of unobserved porpoise mortality. NOAA-TM-NMFS-SWFC-3, 3 p.

- HOLTS, D. B. and M. DEERMAN.
1978 Cruise Report: M/V Marietta, Sept. 25 - Dec. 7, 1978, 5 p.
- HOLTS, D. B., R. MCLAIN, F. G. ALVERSON, and J. DEBEER.
1979 Summary of research results from the fifth cruise of the dedicated vessel, Nov. 11 - Dec. 9, 1978. Southwest Fisheries Center, Admin. Rep. No. LJ-79-20, 60 p.
- HUBBS, C. L., W. F. PERRIN and K. C. BALCOMB.
1973 Stenella coeruleoalba in the eastern and central tropical Pacific. J. Mamm. 54(2):549-552.
- JENNINGS, J. G.
1981 Dolphin transmitter, NASA/NOAA/CNES Service ARGOS Newsletter. 11:2. Toulouse.
- JENNINGS, J. G.
The Use of NIMBUS-6 and ARGOS satellites to track dolphins. Proceedings of the Fourth ARGOS Users Conference, October 27-29, 1981. Toulouse. (In press).
- JENNINGS, J. G., J. M. COE and W. F. GANDY.
1981 A corral system for examining pelagic dolphins schools. Mar. Fish. Rev., 43(11):16-20.
- JENNINGS, J. G., W. F. GANDY and T. M. VANSELOUS.
1979 Development of a satellite-linked marine mammal transmitter system. Proceedings of the ARGOS Utilization Conference, March 28 and 29, 1979, 7 p.
- JENNINGS, J. G. and W. F. GANDY.
1980 Tracking pelagic dolphins by satellite. pp. 753-755. In.: C.J. Amlaner and D.W. MacDonald (eds.). A Handbook of Biotelemetry and Tracking. Pergamon Press, Oxford, 804 p.
- JENNINGS, J. G. and R. K. STIVES.
1979 Summary of preliminary results of a dolphin tagging feasibility study. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- KIMURA, M.
1978 Variability in dentinal layer counts (age estimations) by different observers in the tooth of a known age bottlenose dolphin, Tursiops truncatus. (Abstract). Proceedings on the International Conference on Determining Age of Odontocete Cetaceans, SWFC, La Jolla, Sept. 5-7, 1978, 229 p.
- KIMURA, M. and W. F. PERRIN
1976 Progress report on studies of the biology of the striped dolphin, Stenella coeruleoalba in the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-76-11, 51 p.

- KUECHLE, L. B., D. P. DEMASTER and D. B. SINIFF.
1979 State of the art and needs of the earth platform. Presented at the 13th International Symposium on Remote Sensing, Ann Arbor, Michigan, Apr. 23-26, 1979. (In press).
- LEATHERWOOD, J. S., W. F. PERRIN, R. L. GARVIE, and J. C. LA GRANGE.
1972 Observations of sharks attacking porpoises (*Stenella* spp. and *Delphinus* cf. *D. delphis*). NUC TN 908. Bio-Systems Program. Ocean Sciences Dept., Naval Undersea Center, San Diego, Ca, 7 p.
- LEATHERWOOD, S., W. F. PERRIN, V. L. KIRBY, C. L. HUBBS, and M. DAHLHEIM.
1980 Distribution and movements of Risso's dolphin, *Grampus griseus*, in the eastern North Pacific. Fish. Bull. (U.S.) 77(4):951-963.
- LEATHERWOOD, J. S., R. R. REEVES, W. F. PERRIN and W. E. EVANS.
1982 Whales, dolphins and porpoises of the eastern north Pacific and adjacent Arctic waters. Nat. Mar. Fish. Serv. Circ. (1982). (In press).
- LO, N. C. H.
1979 Simulation results on the sampling distribution of the estimate of the numbers of porpoise killed by the yellowfin tuna purse seine fleet in 1977. Status of Porpoise Stocks Workshop Report. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- LO, N. C. H., J. E. POWERS and B. E. WHALEN.
1979 Incidental porpoise mortality and serious injury in the 1976 eastern tropical Pacific tuna fishery. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- LO, N. C. H., J. E. POWERS and B. E. WAHLEN.
1982 Estimating and monitoring incidental dolphin mortality in the eastern tropical Pacific tuna purse seine fishery. Fish. Bull. (U.S.). (In press).
- LO, N. C. H. and T. D. SMITH.
1979 Estimation of incidental mortality of porpoise associated with the yellowfin tuna purse seine fishery. 1959-1972. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-27, 120 p.
- MCNEELY, R. L., J. M. COE and F. M. RALSTON.
1975 Cruise Report: M/V Bold Contender, Sept. 22 - Dec. 4, 1975, 13 p.
- MCNEELY, R. L. and J. M. COE
1976 Report of the chartered seiner M/V Bold Contender, Sept. 22 - Dec. 4, 1975, 12 p.
- MCNEELY, R. L. and D. B. HOLTS.
1974 Cruise Report: M/V South Pacific, Oct. 28 - Dec. 1, 1974, 8 p.

MCNEELY, R. L. and D. B. HOLTS.

- 1977 Methods of reducing porpoise mortality in the yellowfin tuna purse seine fishery. Southwest Fisheries Center, Admin. Rep. No. LJ-77-13, 19 p.

MILLER, D. J.

- 1981 Marine mammal-fisheries interaction study, annual report for the period of July 1, 1979 - June 30, 1980. Southwest Fisheries Center, Admin. Rep. No. LJ-81-01C. Contract No. 79-ABC-00149, 42 p.

MILLER, L. W. and W. F. PERRIN.

- 1967 A gillnet platform for studying the depth distribution of fish. Progressive Fish Culturist, 28(2):118-120.

MYRICK, Jr., A. C.

- 1979 Qualitative adaptive models for pelagic and river dolphins. (Abstract). Third Biennial Conference on the Biology of Marine Mammals, Oct. 7-11, 1979, Seattle, 64 p.

MYRICK, Jr., A. C.

- 1980 Some approaches to calibration of age in odontocetes using layered hard tissues. pp. 95-97. In.: W. F. Perrin and A. C. Myrick, Jr., eds. Age determination of toothed whales and sirenians. Rep. Int. Whal. Comn. (Special Issue 3), Cambridge, 229 p.

MYRICK, Jr., A. C.

- 1980 Examination of layered tissues of odontocetes for age determination using polarized light microscopy. pp. 105-112. In.: W. F. Perrin and A. C. Myrick, Jr., (eds.). Age determination of toothed whales and sirenians. Rep. Int. Whal. Comn. (Special Issue 3). Cambridge, 229 p.

MYRICK, Jr., A. C.

- 1981 Reproductive seasonality in multiherd groups of northern offshore spotted dolphins, Stenella attenuata, and age related reproductive parameters for females. In: Symposium Abstracts. Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management, Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.

NMFS CHARTERED RESEARCH CRUISE REPORTS.

- 1971-1976. Porpoise/Tuna Program.

NOAA TUNA-PORPOISE COMMITTEE.

- 1972 Report of the NOAA Tuna-Porpoise Review Committee, Sept. 8, 1972, 62 p.

PERRIN, W. F.

- 1968 The Porpoise and the tuna. Sea Front., 14(3):166-174.

PERRIN, W. F.

- 1969 Using porpoise to catch tuna. World Fishing, 18(6):42-45.

- PERRIN, W. F.
1969 The Barnacle, Conchoderma auritum on a porpoise, Stenella graffmani. J. Mamm., 50(1):149-151.
- PERRIN, W. F.
1970 Cruise Report: R/V Cromwell, Sept. 3-4, 1970.
- PERRIN, W. F.
1970 Cruise Report: ARV Miss Behavior, June 15-20, 1970.
- PERRIN, W. F.
1970 Cruise Report: M/V Couquest, Dec. 21-22, 1970, 7 p.
- PERRIN, W. F.
1970 Color pattern of the eastern Pacific spotted porpoise, Stenella graffmani Lonnberg (Cetacean, Delphinidae). Zoologica, 54(4):135-152.
- PERRIN, W. F.
1970 The problem of porpoise mortality in the U.S. tropical tuna fishery. (Abstract). Proceedings of the Sixth Annual Conference on Biological Sonar and Diving Mammals. Oct. 17 - 18, 1969. Menlo Park, 113 p.
- PERRIN, W. F.
1971 Cruise Report: M/V San Juan, May 14-15, 1971, 2 p.
- PERRIN, W. F.
1971 The economics of operating a wetfish seiner. (Abstract). California Cooperative Oceanic Fisheries Investigations Report, 15:26-27.
- PERRIN, W. F.
1972 Color patterns of spinner porpoises (Stenella cf S. longirostris) of the eastern Pacific and Hawaii, with comments on delphinid pigmentation. Fish. Bull., (U.S.) 70(3):983-1003.
- PERRIN, W. F.
1972 Variation and taxonomy of spotted and spinner porpoises (genus Stenella) of the eastern tropical Pacific and Hawaii. Ph.D. dissertation U.C.L.A., Los Angeles, Ca., 490 p.
- PERRIN, W. F.
1973 Annotated bibliography of the genus Stenella (Cetacea, Delphinidae). Unpublished report. Southwest Fisheries Center, La Jolla, Ca., 67 p.
- PERRIN, W. F.
1975 Distribution and differentiation of populations of dolphins of the genus Stenella in the eastern tropical Pacific. J. Fish. Res. Board Can., 32(7):1059-1067.

- PERRIN, W. F.
 1975 Variation of spotted and spinner porpoises (genus Stenella) in the eastern Pacific and Hawaii. Bull. Scripps Inst. of Oceanography. Univ. Calif., Univ. of Calif. Press, 21, 206 p.
- PERRIN, W. F.
 1975 Estimates of some parameters of growth and reproduction of the eastern spinner porpoise, Stenella longirostris subsp. (Abstract). First Biennial Conference on the Biology of Marine Mammals.
- PERRIN, W. F.
 1976 First record of the melon-headed whale, Peponocephala electra, in the eastern Pacific, with a summary of world distribution. Fish. Bull., (U.S.) 74(2):457-458.
- PERRIN, W. F.
 1980 Report of the sub-committee on small cetaceans. Annex I, Report of of Scientific Committee. Rep. Int. Whal. Comn., 30:111-128.
- PERRIN W. F. (ed.)
 1981 Report of the sub-committee on small cetaceans. Annex H. Report of the Scientific Committee. Rep. Int. Whal. Comn., 31:140-153.
- PERRIN, W. F. (ed.)
 1982 Report of the workshop on identity structure and vital rates of killer whale populations, June 23-25, 1981, Cambridge, England. Rep. Int. Whal. Comn. 32. (In press).
- PERRIN, W. F. (ed.)
 1982 Report of the sub-committee on small cetaceans. Annex H. Report of the Scientific Committee. Rep. Int. Whal. Comn. 32. (In press).
- PERRIN, W. F., P. B. BEST, W. H. DAWBIN, K. C. BALCOMB, R. GAMBELL, and R. ROSS.
 1973 Rediscovery of Fraser's dolphin, Lagenodelphis hosei. Nature., 241(5388):345-350.
- PERRIN, W. F., J. M. COE and J. R. ZWEIFEL.
 1976 Growth and reproduction of the spotted porpoise, Stenella attenuata, in the offshore eastern tropical Pacific. Fish. Bull. (U.S.) 74(2):229-269.
- PERRIN, W. F., J. M. COE and J. R. ZWEIFEL.
 1977 Growth and reproduction of the spotted porpoise, Stenella attenuata, in the offshore eastern tropical Pacific. Fish. Bull., (U.S.) 74(2):229-269.
- PERRIN, W. F., W. E. EVANS and D. B. HOLTS.
 1977 Movements of pelagic dolphins (Stenella spp.) in the eastern tropical Pacific as indicated by results of tagging, with summary of tagging operations, 1969-1976. Southwest Fisheries Center, Admin. Rep. No. LJ-77-6, 38 p.

PERRIN, W. F., W. E. EVANS and D. B. HOLTS.

- 1979 Movements of pelagic dolphins, (Stenella spp.) in the eastern tropical Pacific as indicated by results of tagging, with summary of tagging operations, 1969-76. NOAA Technical Report NMFS SSRF-733, 14 p.

PERRIN, W. F. and J. R. HENDERSON.

- 1979 Growth and reproductive Rates of two populations of spinner dolphins, Stenella longirostris, with different histories of exploitation. Southwest Fisheries Center, Admin. Rep. No. LJ-79-29, 13 p.

PERRIN, W. F., J. R. HENDERSON and T. D. SMITH.

- 1979 Growth and reproductive rates of two populations of spinner dolphins, Stenella longirostris, with different histories of exploitation. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.

PERRIN, W. F., D. B. HOLTS and R. B. MILLER.

- 1975 Preliminary estimates of some parameters of growth and reproduction of the eastern spinner porpoise, Stenella longirostris subspecies. Southwest Fisheries Center, Admin. Rep. No. LJ-75-66, 33 p.

PERRIN, W. F., D. B. HOLTS and R. B. MILLER.

- 1976 Preliminary estimates of some parameters of growth and reproduction of the whitebelly spinner dolphin, a geographical form of Stenella longirostris in the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-76-12, 37 p.

PERRIN, W. F., D. B. HOLTS and R. B. MILLER.

- 1976 Growth and reproduction of the eastern spinner dolphin. A geographical form of Stenella longirostris in the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-76-13, 84 p.

PERRIN, W. F., D. B. HOLTS and R. B. MILLER.

- 1977 Growth and reproduction of the eastern spinner dolphin, a geographical form of Stenella longirostris in the eastern tropical Pacific. Fish. Bull., (U.S.) 75(4):725-750.

PERRIN, W. F. and C. L. HUBBS.

- 1969 Observations on a young pygmy killer whale (Feresa attenuata Gray) from the eastern tropical Pacific Ocean. Transactions of the San Diego Society of Natural History, 15(18):297-308.

PERRIN, W. F. and J. R. HUNTER.

- 1972 Escape behavior of the Hawaiian spinner porpoise (Stenella cf S. longirostris). Fish. Bull., (U.S.) 70(1):49-60.

PERRIN, W. F. and J. S. LEATHERWOOD.

- Fraser's dolphin, Lagenodelphis hosei Fraser, 1956. Chapter In: S. H. Ridgway and R. J. Harrison (eds.). Handbook of Marine Mammals, Vol. 3, Cetaceans. Academic Press. New York. (In press).

- PERRIN, W. F., N. C. LO and B. E. WAHLEN.
 1979 Progress in reducing incidental kill of dolphins in the U.S. tuna purse seine fishery in the eastern tropical Pacific. Working paper for Sub-committee on Small Cetaceans, Scientific Committee. IWC. June 22-30, 1979. Cambridge, England. Southwest Fisheries Center, Admin. Rep. No. LJ-79-19, 3 p.
- PERRIN, W. F., R. L. MCNEELY, D. B. HOLTS, and J. M. COE.
 1972 Cruise Report: M/V Independence, Sept. 27 - Oct. 29, 1972, 17 p.
- PERRIN, W. F., R. B. MILLER and P. A. SLOAN.
 1976 Reproductive parameters of the offshore spotted dolphin, a geographical form of Stenella attenuata in the eastern tropical Pacific, 1973-1975. Southwest Fisheries Center, Admin. Rep. No. LJ-76-34, 20 p.
- PERRIN, W. F., R. B. MILLER and P. A. SLOAN.
 1977 Reproductive parameters of the offshore spotted dolphin, a geographical form of Stenella attenuata, in the eastern tropical Pacific, 1973-1975. Fish. Bull., (U.S.) 75(3):629-633.
- PERRIN, W. F., E. D. MITCHELL, P. J. H. VAN BREE, and D. K. CALDWELL.
 1977 Spinner dolphins, Stenella spp., in the Atlantic. (Abstract). Proceedings of Second Conference on the Biology of Marine Mammals, Dec. 12-15, 1977, San Diego, 88 p.
- PERRIN, W. F., E. D. MITCHELL and P. J. H. VAN BREE.
 1978 Historical zoogeography of tropical pelagic dolphins. (Abstract). Proceedings of the II. Congressus Theriologicus Internationalis, Brno, Czechoslovakia. June 20-27, 1978.
- PERRIN, W. F., E. D. MITCHELL, J. G. MEAD, D. K. CALDWELL, and P. J. H. VAN BREE.
 1981 Stenella clymene, a rediscovered tropical dolphin of the Atlantic. J. Mamm., 62(3):583-598.
- PERRIN, W. F., E. D. MITCHELL, J. G. MEAD, D. K. CALDWELL and P. J. H. VAN BREE.
 1981 Stenella clymene, a rediscovered tropical dolphin of the Atlantic. J. Mamm., 62(3):583-598.
- PERRIN, W. F. and A. C. MYRICK, Jr. (eds.)
 1980 Age determination of toothed whales and sirenians. Proceedings of the International Conference on Determining Age of Odontocete Cetaceans (and Sirenians). Rep. Int. Whal. Comm. (Special Issue 3). Cambridge, 229 p.
- PERRIN, W. F. and B. G. NOETZEL.
 1970 Economic study of the San Pedro wetfish boats. Fishery Industrial Research, 6(3):105-138.

- PERRIN, W. F. and C. W. OLIVER.
 1981 Time/area distribution and composition of the incidental kill of dolphins and small whales in the U.S. purse seine fishery for tuna in the eastern tropical Pacific, 1979-1980. Southwest Fisheries Center, Admin. Rep. No. LJ-81-14, 39 p.
- PERRIN, W. F. and C. J. ORANGE.
 1971 Porpoise tagging in the eastern tropical Pacific. (Abstract). Proceedings of the Twenty-first Tuna Conference, Oct. 12-14, 1970, Lake Arrowhead, 5 p.
- PERRIN, W. F. and J. E. POWERS.
 1979 Role of nematode in natural mortality of spotted dolphin. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. J. Wildl. Man., 44(4):960-963.
- PERRIN, W. F. and J. E. POWERS.
 1981 Role of a nematode in natural mortality of spotted dolphins. J. Wildl. Man., 44(4):960-963.
- PERRIN, W. F. and S. B. REILLY.
 1981 Reproduction in dolphins and small whales of the family Delphinidae. In: Symposium Abstracts, Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management. Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.
- PERRIN, W. F. and E. ROBERTS.
 1972 Organ weights of non-captive porpoises (Stenella spp.). Bull. Southern Calif. Acad. Sci., 71(1):19-32.
- PERRIN, W. F., P. A. SLOAN and J. R. HENDERSON.
 1978 Taxonomic status of the "southwestern stocks" of spinner dolphin, Stenella longirostris, and spotted dolphin, S. attenuata. Southwest Fisheries Center, Admin. Rep. No. LJ-78-6, 35 p.
- PERRIN, W. F., P. A. SLOAN and J. R. HENDERSON.
 1979 1978. Taxonomic status of the "southwestern stocks" of spinner dolphin Stenella longirostris and spotted dolphin Stenella attenuata. Rep. Int. Whal. Comm., 29:175-184.
- PERRIN, W. F., T. D. SMITH and G. T. SAKAGAWA.
 1974 Status of populations of spotted dolphin, Stenella attenuata and spinner dolphin, Stenella longirostris, in the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-74-42, 21 p.
- PERRIN, W. F., T. D. SMITH and G. T. SAKAGAWA.
 Status of populations of spotted dolphins, Stenella attenuata, and spinner dolphins, Stenella longirostris, in the eastern tropical Pacific. In: Mammals in the Seas. Vol. III. FAO Fisheries Series No. 5, Food and Agriculture Organization of the United Nations, Rome. (In press).

- PERRIN, W. F., A. S. SOKOLOV and A. A. KUZMIN.
 1977 Catalog of cetacean osteological specimens in collections of the Academy of Sciences, Leningrad and Moscow State University. Prepared for Marine Mammal Project, U.S.-U.S.S.R. Environmental Agreement, 53 p.
- PERRIN, W. F. and W. A. WALKER.
 1975 The rough-toothed porpoise, Steno bredanensis, in the eastern tropical Pacific. J. Mamm., 56(4):905-907.
- PERRIN, W. F., R. W. WARNER, C. L. FISCUS, and D. B. HOLTS.
 1973 Stomach contents of porpoise, Stenella spp., and yellowfin tuna, Thunnus albacares, in mixed-species aggregations. Fish. Bull., (U.S.) 71(4):1077-1092.
- PERRIN, W. F., A. V. Yablokov and V. L. Cass.
 1982 Preliminary report on the use of non-metrical skull characters to discriminate populations of pelagic dolphins. Southwest Fisheries Center, Admin. Rep. No. LJ-82-14, 32 p.
- PERRYMAN, W. L.
 1980 School size estimates and other results from aerial photographs taken during the Oct. 11 - Nov. 24, 1980 cruise on the F/V Gina Anne. Southwest Fisheries Center, Admin. Rep. No. LJ-80-04, 14 p.
- 1980 Preliminary report on predation by small whales, mainly the false killer whale, Pseudorca crassidens, on dolphins (Stenella spp. and Delphinus delphis) in the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-80-05, 9 p.
- PERRYMAN, W. L. and M. D. SCOTT.
 1981 A comparison of aerial cameras for small cetacean research. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- PERRYMAN, W. L., M. D. SCOTT and P. HAMMOND.
 1981 A technique for estimating reproductive parameters of small cetaceans from vertical aerial photographs. In: Symposium Abstracts, Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management, Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.
- PILSON, M. E. Q. and D. W. WALLER.
 1970 Composition of milk from spotted and spinner porpoise. J. Mamm. 51(1):74-79.
- POLACHECK, T.
 1982 The relationship between changes in gross reproductive rates and the current rate of increase for some simple age structural models. NOAA-TM-NMFS-SWFC-19, 10 p.
- POLACHECK, T.
 1982 Local stability and maximum net productivity levels for a simple model of porpoise population sizes. NOAA-TM-NMFS-SWFC-17, 14 p.

- POWERS, J. E.
1976 Estimated incidental porpoise mortality in the eastern Pacific tuna fishery for 1975. Southwest Fisheries Center, Admin. Rep. No. LJ-76-4, 23 p.
- POWERS, J. E.
1979 A discussion of incidental mortality by unobserved United States purse seiners. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- POWERS, J. E. and E. G. BARHAM.
1977 Aerial survey of porpoise populations in the eastern tropical Pacific: analytical procedures and results. (Abstract). Second Conference on the Biology of Marine Mammals, Dec. 12-15, 1977, San Diego, 88 p.
- POWERS, J. and J. BARLOW.
1979 Biases in the tuna-net sampling of dolphins in the eastern tropical Pacific. Report of the Status of Porpoise Stocks Workshop. Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- POWERS, J. E., R. W. BUTLER, J. G. JENNINGS, R. MCLAIN, C. B. PETERS and J. DEBEER.
1979 The tuna/porpoise problem: summary of research results from the fourth cruise of the dedicated vessel, Sept. 12 - Oct. 31, 1979. Southwest Fisheries Center, Admin. Rep. No. LJ-79-14, 46 p.
- POWERS, J. E., R. W. BUTLER, J. G. JENNINGS, R. MCLAIN, C. B. PETERS and J. DEBEER.
1979 Summary of research results from the fourth cruise of the dedicated vessel, Sept. 12 - Oct. 31, 1978. Southwest Fisheries Center, Admin. Rep. No. LJ-79-14, 42 p.
- POWERS, J. E. and R. HOLT.
1979 Estimates of population sizes of porpoise in the eastern tropical Pacific. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.
- POWERS, J. E., N. LO and B. WHALEN.
1979 A statistical analysis of effectiveness of porpoise rescue procedures in reducing incidental mortality. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-7, 29 p.
- POWERS, J. E., N. C. H. LO and B. E. WAHLEN.
1979 A statistical analysis on effectiveness of porpoise rescue procedures in reducing incidental mortality. Southwest Fisheries Center, Admin. Rep. LJ-79-7, 29 p.
- RALSTON, F. M.
1977 A workshop to assess research related to the porpoise/tuna problem. (Co-sponsored by the Marine Mammal Commission and the

National Marine Fisheries Service). Southwest Fisheries Center,
Admin. Rep. No. LJ-77-15, 119 p.

REILLY, S. B.

1977 The distribution of pilot whales, Globicephala macrorhynchus Gray, 1846, in the eastern tropical Pacific. M.S. Thesis, Cal. Poly. State Univ., San Luis Obispo, 80 p.

REILLY, S. B.

1978 The pilot whale. pp. 112-119. In.: D. Haley (ed.). The Marine Mammals of the Eastern North Pacific and Arctic Waters. Pacific Search Press, Seattle, 256 p.

REILLY, S. B.

1981 Population assessment and population dynamics of the California gray whale. Ph.D. Dissertation, Univ. of Washington, 265 p.

REILLY, S. B.

1981 Gray whale population history: a simulation. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127.

REILLY, S. B.

1981 Current and maximum net rate of increase of gray whales. In: Symposium Abstracts, Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management, Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.

REILLY, S. B. and J. S. LEATHERWOOD.

The pilot whales, Globicephala spp. In.: S. Ridgeway and R. J. Harrison (eds.). Handbook of Marine Mammals. Vol. 3, Cetaceans. Academic Press. (In press).

REILLY, S. B., D. W. RICE and A. WOLMAN.

1980 Preliminary population estimate for the California gray whale based upon Monterey shore censuses, 1967/68 to 1978/79. Rep. Int. Whal. Comm., 30:359-368.

RINALDO, R. G. and J. G. JENNINGS (eds.)

1978 [Translation from the French]. The status of the yellowfin fishery of the east Atlantic as of September 30, 1976 by A. Fonteneau, J. Marcille and F. Barbe. Southwest Fisheries Center, Admin. Rep. No. LJ-78-10, 12 p.

ROTHSCHILD, B. J.

1974 Technical meeting on program for analysis of population dynamics of porpoises. Southwest Fisheries Center, Admin. Rep. No. LJ-74-16, 7 p.

SCHEFFER, V. B. and A. C. MYRICK, Jr.

1980 A review of studies to 1970 of growth layers in the teeth of marine mammals. pp. 51-63. In.: W. F. Perrin and A. C. Myrick, Jr., (eds.). Age determination of toothed whales and sirenians. Rep. Int. Whal. Comm. (Special Issue 3). Cambridge, 229 p.

- SCHNELL, G. D., M. E. Douglas and D. J. Hough
 1982 Geographic variation in morphology of spotted and spinner dolphins (*Stenella attenuata* and *S. longirostris*) from the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-82-15C, 213 p.
- SHALLENBERGER, R., W. PERRYMAN and M. RANZON.
 1981 Aerial photography as a tool for monitoring Hawaiian monk seal populations in the north western Hawaiian Islands. (Abstract). Fourth Biennial Conference on the Biology of Marine Mammals, Dec. 14-18, 1981, San Francisco, 127 p.
- SINIFF, C. B., D. P. DEMASTER, R. J. HOFFMAN and L. L. EBERHARDT.
 1977 An analysis of the dynamics of a Weddell seal population. Ecology, 47(3):319-325.
- SMITH, T. D.
 1974 A program for manipulating variable projection matrix population models. Southwest Fisheries Center, Admin. Rep. No. LJ-74-20, 17 p.
- SMITH, T. D.
 1974 Estimates of porpoise population sizes in the eastern tropical Pacific, based on an aerial survey done in early 1974. Southwest Fisheries Center, Admin. Rep. No. LJ-74-38, 49 p.
- SMITH, T. D.
 1974 An example of a dynamic matrix model of competing populations. Southwest Fisheries Center, Admin. Rep. No. LJ-74-43, 15 p.
- SMITH, T. D..
 1974 Research in comparative population dynamics. Southwest Fisheries Center, Admin. Rep. No. LJ-74-52, 18 p.
- SMITH, T. D.
 1975 Current understanding of the status of the porpoise populations in the Black Sea. Southwest Fisheries Center, Admin. Rep. No. LJ-75-13, 27 p.
- SMITH, T. D.
 1975 Calculation of apparent increases in the Antarctic sei whale population between 1930 and 1960. Southwest Fisheries Center, Admin. Rep. No. LJ-75-61, 24 p.
- SMITH, T. D.
 1975 Estimates of sizes of two populations of porpoise (*Stenella*) in the eastern tropical Pacific Ocean. Southwest Fisheries Center, Admin. Rep. No. LJ-75-67, 88 p.
- SMITH, T. D.
 1979 Report of the status of porpoise stocks workshop. August 27-31, 1979. Southwest Fisheries Center, Admin. Rep. No. LJ-79-41, 120 p.

- SMITH, T. D.
1980 Catches of male and female sperm whales by 2 degree square by Japanese pelagic whaling fleets in the north Pacific, 1966-1977. Rep. Int. Whal. Comn. (Special Issue 2): 263-275.
- SMITH, T. D.
1981 Line-transect techniques for estimating density of porpoise schools. J. Wildl. Manage., 45(3):650-657.
- SMITH, T. D.
1981 A model for density-dependent gross productivity with application to Stenella longirostris. In: Symposium Abstracts, Conference on Cetacean Reproduction: Estimating Parameters for Stock Assessment and Management, Nov. 28 - Dec. 7, 1981, La Jolla, 62 p.
- SMITH, T. D.
1982 Range and bearing to sighted cetaceans aboard the R/V David Starr Jordan. NOAA-TM-NMFS-SWFC-20, 30 p.
- SMITH, T. D. and C. W. FOWLER.
1981 An overview of the study of th population dynamics of large mammals. P. 1-18. In.: T. D. Smith and C. W. Fowler (eds.) Dynamics of Large Mammal Populations. John Wiley and Sons, New York, 477 p.
- SMITH, T. D. and W. F. PERRIN.
1976 Review of: The Whale Problem. A Status Report. Ed.: W. Scheville. J. Mamm., 57(2):421-427.
- SMITH, T. D. and T. POLACHECK.
1979 Uncertainty in estimating historical abundance of porpoise populations. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. 79-41, 120 p.
- SMITH, T. D. and T. POLACHECK.
1979 Estimating the size of porpoise populations in the eastern tropical Pacific prior to the beginning of incidental mortality by the tuna purse seine fleet. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. 79-41, 120 p.
- SMITH, T. D. and T. POLACHECK.
1979 Analysis of a simple model for estimating historical population sizes. Fish. Bull. (U.S.) 76(4):771.
- SMITH, T. D. and T. POLACHECK.
1981 Re-examination of the life table for northern fur seals with implications about population regulatory mechanisms. 99-120. In.: T. D. Smith and C. W. Fowler (eds.) Dynamics of Large Mammal Populations. John Wiley and Sons, New York, 477 p.
- SMITH, T. D., G. D. STAUFFER and W. F. PERRIN.
1973 Sample size determination for 1974 observer program. Southwest Fisheries Center, Admin. Rep. No. LJ-74-37, 21 p.

- SMITH, T. D., G. STAUFFER and W. F. PERRIN.
1974 Report on technical meeting on program for analysis of population dynamics of porpoises. SWFC, May 31, 1974. Southwest Fisheries Center, Admin. Rep. No. LJ-74-37, 21 p.
- SOKOLOV, A. S. and W. F. PERRIN.
1978 Some morphological features of the pygmy sperm whale. (Abstract in Russian). Proceedings of the All-Union Conference. Simferopol, 20-23 September, 1978, p. 302-303.
- STAFF, PORPOISE/TUNA INTERACTION PROGRAM, OCEANIC FISH. RES. DIVISION.
1975 Progress of research on porpoise mortality incidental to tuna purse seine fishing for fiscal year 1975. Southwest Fisheries Center, Admin. Rep. No. LJ-75-68, 100 p.
- STAFF, PORPOISE/TUNA INTERACTION PROGRAM, OCEANIC FISH. RES. DIVISION.
1976 Progress of research on porpoise mortality incidental to tuna purse-seine fishing for fiscal year 1976. Southwest Fisheries Center, Admin. Rep. No. LJ-76-17, 134 p.
- STAFF, PORPOISE/TUNA INTERACTION PROGRAM, OCEANIC FISH. RES. DIVISION.
1976 Report of the workshop on stock assessment of porpoises involved in the eastern Pacific yellowfin tuna fishery. (La Jolla, July 27-31, 1976). Southwest Fisheries Center, Admin. Rep. No. LJ-76-29, 105 p.
- STAUFFER, G. D.
1974 Statistical evaluation of the gear charters and the use of the Medina panel in 1973. Southwest Fisheries Center, Admin. Rep. No. LJ-74-40, 17 p.
- STAUFFER, G. D. and C. W. OLIVER.
1974 Porpoise sets and effort analysis, 1963-1973. Southwest Fisheries Center, Admin. Rep. No. LJ-74-27, 27 p.
- STIRLING, I., R. ARCHIBALD and D. P. DEMASTER.
1977 Distribution and abundance of seals in the eastern Beaufort Sea. J. Fish. Res. Bd. Can., 34(7):976-988.
- STIRLING, I., D. P. DEMASTER, D. ANDRIASHEK and W. CALVERT.
1979 Report to DINA on the 1978 survey of the distribution and abundance of seals in the eastern Beaufort Sea. Can. Wildl. Serv. Rep., 20 p.
- STIRLING, I., D. P. DEMASTER and W. CALVERT.
1980 Report to DINA on the 1979 survey of the distribution and abundance of seals in the eastern Beaufort Sea. Can. Wildl. Serv. Rep., 18 p.
- STUNTZ, W. E.
1979 Unobservable mortality of dolphins involved in the eastern tropical Pacific tuna fishery. Status of Porpoise Stocks Workshop Report, Aug. 27-31, 1979, La Jolla. Southwest Fisheries Center, Admin. Rep. No. LJ-79-22, 120 p.

- STUNTZ, W. E.
1980 Variation in age structure of the incidental kill of spotted dolphins, Stenella attenuata, in the U. S. tropical purse seine fishery. Southwest Fisheries Center, Admin. Rep. No. LJ-80-06, 29 p.
- STUNTZ, W. E.
1980 Preliminary investigations of the possible relationship between passive behavior of spotted dolphins, Stenella attenuata and capture stress. Report No. MMC-77/25. U. S. Marine Mammal Commission.
- STUNTZ, W. E.
1981 The tuna-dolphin bond: a discussion of current hypotheses. Southwest Fisheries Center, Admin. Rep. No. LJ-81-19, 9 p.
- STUNTZ, W. E., K. S. NORRIS and W. ROGERS.
1977 Behavior of spotted dolphins, Stenella attenuata and spinner dolphins, S. longirostris, in the tropical tuna fishery. (Abstract). Second Biennial Conference on the Biology of Marine Mammals, Dec. 12-15, 1977, San Diego, 88 p.
- STUNTZ, W. E. and W. F. PERRIN.
1979 Learned evasive behavior by dolphins involved in the eastern tropical Pacific tuna purse seine fishery. (Abstract). Third Biennial Conference on the Biology of Marine Mammals, Oct. 7-11, 1979, Seattle, 64 p.
- STUNTZ, W. E. and T. B. SHAY.
1979 Report on capture stress workshop, May 1979. Southwest Fisheries Center, Admin. Rep. No. LJ-79-28, 24 p.
- TAYLOR, M. K., D. P. DEMASTER, S. P. SHELDON and F. E. SORENSON.
1981 Use of M 50-50 as a therapeutic drug for M99-induced trauma. Can. J. Zool. (In press).
- THOMAS, J. A. and D. P. DEMASTER.
1978 Umbilical drop off as a measure of age in the Weddell seal, Leptonychotes weddelli. J. Mamm., 60(2):436.
- THOMAS, J., D. P. DEMASTER, S. STONE and D. ANDRIASHEK.
1980 Observations of a newborn Ross seal pup (Ommatophoca rossi) near the Antarctic peninsula. Can. J. Zool., 58(11):2156-2158.
- VAN BREE, P. J. H. and W. F. PERRIN.
1977 On the diagnosis of the spinner dolphin, Stenella longirostris (Gray, 1828) and its holotype. Zool. Mededel.-Leiden, 52(21):255-259.
- WAHLEN, B. E.
1979 Procedures for monitoring porpoise mortality: documentation manual. Southwest Fisheries Center, Admin. Rep. No. LJ-79-3, 79 p.
- WAHLEN, B. E. and S. D. BOYER.
1981 User's manual for EVOLVE. Southwest Fisheries Center, Admin. Rep. No. LJ-81-15, 53 p.

WALKER, W. A.

- 1981 Geographical variation in morphology and biology of bottlenose dolphins (*Tursiops*) in the eastern north Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-81-03C. Contract No. 03-7-208-35238, 53 p.

WALKER, W. A. and D. F. COWAN.

- 1981 Air sinus parasitism and pathology in free-ranging common dolphins (*Delphinus delphis*) in the eastern tropical Pacific. Southwest Fisheries Center, Admin. Rep. No. LJ-81-23C. Contract No. 03-78-M02-0146, 19 p.

WHITE, M. J., J. G. JENNINGS, W. F. GANDY and L. W. CORNELL.

- 1981 An evaluation of tagging, marking and tattooing techniques for small delphinids. NOAA Techn. Memo. NMFS-SWFC-16, 142 p.

WORTHEN, G. L.

- 1981 Preliminary analysis of the potential for stock assessment of Pacific Ocean Delphinids by Grand C chromosome banding. Southwest Fisheries Center, Admin. Rep. No. LJ-81-02C. Contract No. NOAA/79-ABC-00205, 99 p.

WORTHEN, G. L.

- 1981 An annotated computerized bibliography of the use of karyotypic analysis in the subspecific taxonomy of mammals. NOAA-TM-NMFS-SWFC-9. Contract No. NOAA/89-ABC-00205, 154 p.

ZWEIFEL, J. and W. F. PERRIN.

- 1978 Fitting growth curves to odontocete layer/length data. (Abstract). Proceedings of the International Conference on Determining Age of Odontocete Cetaceans, Sept. 5-7, 1978. La Jolla, 33 p.

